



Ilyas Sülen

Junior AI Engineer | Python · FastAPI · RAG · LLM

Leverkusen, Germany

kontakt@ilyas-suelen.com

[Website](#)

Profiles

[LinkedIn](#)

[GitHub](#)

Technical Skills

Languages

Python, JavaScript, HTML/CSS

Backend & APIs

FastAPI, Flask, REST APIs, SQLAlchemy

Databases

PostgreSQL, SQLite, SQL

AI & LLM

RAG Pipelines, LLM Integration, OpenAI API, Prompt Engineering, Qdrant (Vector Search)

Tools

Git, GitHub, OOP, Pytest

Languages

German

Native

Turkish

Native

Kurdish

Native

English

Professional

AI-focused Software Developer with hands-on experience building AI-powered platforms using Python, FastAPI, OpenAI APIs, vector databases, and retrieval-augmented generation (RAG). Developed scalable systems for document intelligence, conversational AI, and career intelligence, with a strong focus on backend engineering, applied AI, and real-world product development.

Projects

InsightAI – AI Document Intelligence Platform

Stack: FastAPI · OpenAI API · Qdrant · Python · RAG

[View Credential](#)

- Built an AI-powered document intelligence platform enabling conversational Q&A, retrieval-augmented generation (RAG), and structured report generation across uploaded documents.
- Implemented document ingestion pipelines with parsing, chunking, and hybrid retrieval, supporting PDF, CSV, DOCX, and TXT file formats.
- Developed a scalable FastAPI backend integrating OpenAI models and Qdrant vector search to deliver source-grounded answers and contextual document analysis.
- Designed retrieval and analysis workflows that transform unstructured business documents into actionable insights and structured reports.

Launchly – AI Career Intelligence Platform

Stack: FastAPI · React · PostgreSQL · OpenAI API · Python

[View Credential](#)

- Built an AI-powered career intelligence platform that analyzes resumes, LinkedIn profiles, portfolios, interview performance, and application history to generate personalized career insights.
- Developed backend services for AI-driven recruiter simulations, career path planning, resume analysis, and interview readiness assessments using structured LLM outputs.
- Designed a profile-based recommendation system that aggregates data from multiple user sources to generate actionable improvement strategies and personalized career roadmaps.
- Implemented scalable FastAPI APIs, PostgreSQL data models, and OpenAI integrations to deliver AI-driven analysis across multiple career development modules.

Education

Masterschool

Software Engineering

Jul 2025 - Sep 2026

Training Program

- Developed practical Python projects using OOP, data structures, and modular software design.
- Built backend applications with Flask, FastAPI, SQLAlchemy, REST APIs, databases, and AI integrations.
- Key projects: InsightAI (AI Document Intelligence Platform) and Launchly (AI Career Intelligence Platform).

Technische Hochschule Köln – Campus

Gummersbach

Media Informatics

degree not conferred

Sep 2014 - Aug 2019

Bachelor Studies (coursework completed)

Higher Commercial School

Business & Administration

Sep 2005 - May 2007

Vocational Diploma

Experience

Pizza Boy

IT Support Technician

Dec 2015 - Present

Leverkusen, Germany

- Maintained and troubleshoot POS systems, hardware and network connectivity, resolving 90% of technical issues independently without external support.
- Ensured smooth daily operations supporting up to 250 customers and a team of 20 staff.

Vaillant

Order Picker

Sep 2010 - Aug 2014

Neuss, Germany

- Oversaw digital order systems as primary operator, ensuring 100% accuracy in high-volume order processing.
- Processed 10–15 daily orders independently, optimizing workflow under fast-paced conditions.